

PCT

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/720,529

DATE: 07/05/2001  
 TIME: 15:41:37

Input Set : A:\BB-1118-A Seq List.txt  
 Output Set: N:\CRF3\07032001\I720529.raw

Does Not Comply  
 Corrected Diskette Needed

3 <110> APPLICANT: E. I. du Pont de Nemours and Company  
 5 <120> TITLE OF INVENTION: Chromatin Associated Proteins  
 7 <130> FILE REFERENCE: BB-1118-A  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/720,529  
 C--> 10 <141> CURRENT FILING DATE: 2000-06-04  
 12 <150> PRIOR APPLICATION NUMBER: 60/092,841  
 W--> 13 <151> PRIOR FILING DATE: July 14, 1998 1998-07-14  
 15 <160> NUMBER OF SEQ ID NOS: 8  
 17 <170> SOFTWARE: Microsoft Office 97

# ERRORED SEQUENCES

497 <210> SEQ ID NO: 8  
 498 <211> LENGTH: 501  
 499 <212> TYPE: PRT  
 500 <213> ORGANISM: Arabidopsis thaliana  
 502 <400> SEQUENCE: 8  
 503 Met Asp Thr Gly Gly Asn Ser Leu Ala Ser Gly Pro Asp Gly Val Lys  
 504 1 5 10 15  
 506 Arg Lys Val Cys Tyr Phe Tyr Asp Pro Glu Val Gly Asn Tyr Tyr Tyr  
 507 20 25 30  
 509 Gly Gln Gly His Pro Met Lys Pro His Arg Ile Arg Met Thr His Ala  
 510 35 40 45  
 512 Leu Leu Ala His Tyr Gly Leu Leu Gln His Met Gln Val Leu Lys Pro  
 513 50 55 60  
 515 Phe Pro Ala Arg Asp Arg Asp Leu Cys Arg Phe His Ala Asp Asp Tyr  
 516 65 70 75 80  
 518 Val Ser Phe Leu Arg Ser Ile Thr Pro Glu Thr Gln Gln Asp Gln Ile  
 519 85 90 95  
 521 Arg Gln Leu Lys Arg Phe Asn Val Gly Glu Asp Cys Pro Val Phe Asp  
 522 100 105 110  
 524 Gly Leu Tyr Ser Phe Cys Gln Thr Tyr Ala Gly Gly Ser Val Gly Gly  
 525 115 120 125  
 527 Ser Val Lys Leu Asn His Gly Leu Cys Asp Ile Ala Ile Asn Trp Ala  
 528 130 135 140  
 530 Gly Gly Leu His His Ala Lys Lys Cys Glu Ala Ser Gly Phe Cys Tyr  
 531 145 150 155 160  
 533 Val Asn Asp Ile Val Leu Ala Ile Leu Glu Leu Leu Lys Gln His Glu  
 534 165 170 175  
 536 Arg Val Leu Tyr Val Asp Ile Asp Ile His His Gly Asp Gly Val Glu  
 537 180 185 190  
 539 Glu Ala Phe Tyr Ala Thr Asp Arg Val Met Thr Val Ser Phe His Lys  
 540 195 200 205  
 542 Phe Gly Asp Tyr Phe Pro Gly Thr Gly His Ile Gln Asp Ile Gly Tyr  
 543 210 215 220  
 545 Gly Ser Gly Lys Tyr Tyr Ser Leu Asn Val Pro Leu Asp Asp Gly Ile

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/720,529

DATE: 07/05/2001

TIME: 15:41:37

Input Set : A:\BB-1118-A Seq List.txt

Output Set: N:\CRF3\07032001\I720529.raw

546	225					230						235				240
548	Asp	Asp	Glu	Ser	Tyr	His	Leu	Leu	Phe	Lys	Pro	Ile	Met	Gly	Lys	Val
549					245					250					255	
551	Met	Glu	Ile	Phe	Arg	Pro	Gly	Ala	Val	Val	Leu	Gln	Cys	Gly	Ala	Asp
552				260					265					270		
554	Ser	Leu	Ser	Gly	Asp	Arg	Leu	Gly	Cys	Phe	Asn	Leu	Ser	Ile	Lys	Gly
555			275				280				285					
557	His	Ala	Glu	Cys	Val	Lys	Phe	Met	Arg	Ser	Phe	Asn	Val	Pro	Leu	Leu
558		290					295				300					
560	Leu	Leu	Gly	Gly	Gly	Gly	Tyr	Thr	Ile	Arg	Asn	Val	Ala	Arg	Cys	Trp
561	305					310					315				320	
563	Cys	Tyr	Glu	Thr	Gly	Val	Ala	Leu	Gly	Val	Glu	Val	Glu	Asp	Lys	Met
564					325					330					335	
566	Pro	Glu	His	Glu	Tyr	Tyr	Glu	Tyr	Phe	Gly	Pro	Asp	Tyr	Thr	Leu	His
567			340						345				350			
569	Val	Ala	Pro	Ser	Asn	Met	Glu	Asn	Lys	Asn	Ser	Arg	Gln	Met	Leu	Glu
570		355					360					365				
572	Glu	Ile	Arg	Asn	Asp	Leu	Leu	His	Asn	Leu	Ser	Lys	Leu	Gln	His	Ala
573		370				375					380					
575	Pro	Ser	Val	Pro	Phe	Gln	Glu	Arg	Pro	Pro	Asp	Thr	Glu	Thr	Pro	Glu
576	385					390					395				400	
578	Val	Asp	Glu	Asp	Gln	Glu	Asp	Gly	Asp	Lys	Arg	Trp	Asp	Pro	Asp	Ser
579				405						410					415	
581	Asp	Met	Asp	Val	Asp	Asp	Asp	Arg	Lys	Pro	Ile	Pro	Ser	Arg	Val	Lys
582			420						425				430			
584	Arg	Glu	Ala	Val	Glu	Pro	Asp	Thr	Lys	Asp	Lys	Asp	Gly	Leu	Lys	Gly
585		435					440					445				
587	Ile	Met	Glu	Arg	Gly	Lys	Gly	Cys	Glu	Val	Glu	Val	Asp	Glu	Ser	Gly
588		450				455					460					
590	Ser	Thr	Lys	Val	Thr	Gly	Val	Asn	Pro	Val	Gly	Val	Glu	Glu	Ala	Ser
591	465				470						475				480	
593	Val	Lys	Met	Glu	Glu	Gly	Thr	Asn	Lys	Gly	Gly	Ala	Glu	Gln	Ala	
594				485					490					495		
596	Phe	Pro	Pro	Lys	Thr											
597				500												

E--&gt; 598 10

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/720,529

DATE: 07/05/2001

TIME: 15:41:38

Input Set : A:\BB-1118-A Seq List.txt

Output Set: N:\CRF3\07032001\I720529.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:13 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:341 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:345 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:345 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:346 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:347 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:371 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6  
L:371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:386 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6  
L:386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:389 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6  
L:389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:598 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8